

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 12502  
Application ID: 09682636  
Title of Invention: SiC PHOTODIODE DETECTORS  
FOR RADIATION DETECTION  
APPLICATIONS  
First Named Inventor: Dale Brown  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-10-01  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: GLO 2 0066  
Digital Certificate Holder: cn=John P. Cornely, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: anC/3KNRajGNUB8N72foRw==  
Total Fees Authorized: \$834.0  
Payment Category: DA - Deposit Account  
Deposit Account Number: 60308  
Deposit Account Name: John P. Cornely



# TRANSMITTAL FORM

Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: GLO 2 0066



## **SiC PHOTODIODE DETECTORS FOR RADIATION DETECTION APPLICATIONS**

First Named Inventor: Dale M. Brown

### SUBMITTED BY

Name: John Cornely

Registration Number: 41687

Electronic Signature Mark: /s/John

P. Cornely

Date Signed: 20011001

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

bibd-transmittal GLO20066XSUBMITapds.xml

fee-transmittal GLO20066XSUBMITfee.xml

patent-assignment GLO20066XSUBMITasgn.xml

declaration Dec06601.tif

declaration	Dec06602.tif
declaration	Dec06603.tif
declaration	Dec06604.tif
declaration	Dec06605.tif
specification	20066.xml

Attached Image File(s):

Dec06601.tif  
Dec06602.tif  
Dec06603.tif  
Dec06604.tif  
Dec06605.tif

06601.tif 06602.tif 06603.tif 06604.tif 06605.tif

Comments:

FOR RELEASE

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SIC PHOTODIODE DETECTORS FOR RADIATION DETECTION APPLICATIONS**

the specification of which:

  X   is attached hereto   OR  
      was filed on \_\_\_\_\_  
as U.S. Serial No. \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)
-------------------	--------------------	---------------------------------

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

_____ (Serial No.)	_____ (Day/Month/Year Filed)
-----------------------	---------------------------------

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I

acknowledge the duty to disclose material information which is material to patentability as defined in Title 37, of Federal Regulations Code, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing Date)

Status:

(Patented, Pending, Abandoned)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Li-Hua Luo, Reg. No. 37,986  
Ronald E. Myrick, Reg. No. 26,315  
Henry J. Policinski, Reg. No. 26,621  
John F. Beninati, Reg. No. 40,510  
Jay L. Chaskin, Reg. No. 24,030  
James W. Mitchell, Reg. No. 25,602  
Bernard Snyder, Reg. No. 24,843  
Catherine J. Winter, Reg. No. 38,364

Steven M. Auvil, Reg. No. 40,492  
Mark E. Bandy, Reg. No. 35,788  
Brian G. Bembenick, Reg. No. 41,463  
John P. Cornely, Reg. No. 41,687  
David B. Cupar, Reg. No. 47,510  
Joseph D. Dreher, Reg. No. 37,123  
Christopher B. Fagan, Reg. No. 22,987  
Patrick D. Floyd, Reg. No. 39,671  
Jude A. Fry, Reg. No. 38,340  
Steven M. Haas, Reg. No. 37,841  
W. Scott Harders, Reg. No. 42,629  
Michael E. Hudzinski, Reg. No. 34,185  
Edward T. Kennedy, Reg. No. P48,478  
Jeffrey M. Ketchum, Reg. No. 31,174  
Richard M. Klein, Reg. No. 33,000  
Thomas E. Kocovsky Jr., Reg. No. 28,383  
Erik J. Overberger, P48,556

Sandra M. Koenig, Reg. No. 33,722  
Brian E. Kondas, Reg. No. 40,685  
Scott A. McCollister, Reg. No. 33,961  
James W. McKee, Reg. No. 26,482  
Richard J. Minnich, Reg. No. 24,175  
Jay F. Moldovanyi, Reg. No. 29,678  
Philip J. Moy, Reg. No. 31,280  
Timothy E. Nauman, Reg. No. 32,283  
Scott C. Rand, Reg. No. 40,359  
Patrick R. Roche, Reg. No. 29,580  
James E. Scarbrough, Reg. No. 47,056  
Albert P. Sharpe, III, Reg. No. 19,879  
Ann M. Skerry, Reg. No. 45,655  
R. Scott Speroff, Reg. No. 37,450  
Mark S. Svat, Reg. No. 34,261  
Jason A. Worgull, Reg. No. 48,044  
Sue Ellen Phillips, Reg. No. 32,046

SEND CORRESPONDENCE TO:  
Scott A. McCollister, Esq.  
Fay, Sharpe, Fagan,  
Minnich & McKee, LLP, 7<sup>th</sup> Floor  
1100 Superior Avenue  
Cleveland, Ohio 44114-2518

DIRECT TELEPHONE CALLS TO:  
(name and telephone number)

Scott A. McCollister, Esq.  
(216) 861-5582

I hereby authorize and request my attorney to insert the application number and filing date, when known, into the assignment for this invention executed by me.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of first joint (or sole) inventor: **Dale M. Brown**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 2338 St. Joseph Drive  
Schenectady, New York 12309

Country of Citizenship: USA

Post Office Address: 2338 St. Joseph Drive  
Schenectady, New York 12309

Full name of second joint inventor: **Donald T. McGrath**

Inventor's Signature: *Donald T. McGrath*

Date: 8/25/01

Residence: 3223 Twin Wash Square  
Fort Collins, Colorado 80528

Country of Citizenship: USA

Post Office Address: 3223 Twin Wash Square  
Fort Collins, Colorado 80528

willful false statements and the like so made are punishable by fine or imprisonment, or both under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of first joint (or sole) inventor: **Dale M. Brown**

Inventor's Signature: Dale M Brown

Date: Sept. 13, 2001

Residence: 2338 St. Joseph Drive  
Schenectady, New York 12309

Country of Citizenship: USA

Post Office Address: 2338 St. Joseph Drive  
Schenectady, New York 12309

Full name of second joint inventor: **Donald T. McGrath**

Inventor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: 3223 Twin Wash Square  
Fort Collins, Colorado 80528

Country of Citizenship: USA

Post Office Address: 3223 Twin Wash Square  
Fort Collins, Colorado 80528

Full name of third joint inventor: **Charles David Greskovich**

Inventor's Signature: Charles David Greskovich

Date: September 13, 2001

Residence: 1229 Viewmont Drive  
Schenectady, New York 12309

Country of Citizenship: USA

Post Office Address: 1229 Viewmont Drive  
Schenectady, New York 12309

0066336-100101



Full name of fourth joint inventor: **Robert Joseph Lyons**

Inventor's Signature: *Robert Joseph Lyons*

Date: 9/13/01

Residence: 10 Yolanda Drive  
Burnt Hills, New York 12027  
Country of Citizenship: USA

Post Office Address: 10 Yolanda Drive  
Burnt Hills, New York 12027

N:\GLO\20066\LAB0012A.doc

09632636-100401

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

## TOTAL FEES AUTHORIZED: \$ 834

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-0308



Deposit Account Name: Fay, Sharpe, Fagan, Minnich & McKee, LLP

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

### SUBMITTED BY

Authorized Name: John P. Cornely  
Electronic Signature Mark: /s/John P. Cornely  
Date Signed: 20011001

### BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

### EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 23	103	\$ 18	3	\$ 54
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 54

ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40

095633-10104  
TOT 999960